Self Diagnosis Supported model

HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

REPAIR MANUAL

RB2G *Chassis*

Segment: HE

KDL-50W800B

MODEL	COMMANDER	DESTINATION
KDL-50W800B	*RM-YD0102*	*US/CND*

Version	Date	Subject
1.0	02/03/2014	Original Manual Release Date.

LCD Digital Color TV

SONY®

9-883-564-01

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Appendix A: Encryption Key Components A-1

CAUTIONS AND WARNINGS

CAUTION!!

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

WARNING!!

An isolation transformer should be used during any service to avoid possible shock hazard, in case of live chassis.

⚠ SAFETY-RELATED COMPONENT WARNING!!

There are critical components used in LCD color TVs that are important for safety. These components are identified with shading and ⚠ mark on the schematic diagrams and the parts list. It is essential that these critical parts be replaced only with the part number specified in the parts list to prevent electric shock, fire or other hazard.

NOTE: Do not modify the original design without obtaining written permission from the manufacturer or you will void the original parts and labor warranty.

ATTENTION!!

For safety reasons, component level repair of the Power Supply Boards and/or the Inverter Boards is prohibited.

CAUTION ABOUT THE LITHIUM BATTERY!!

Replace only with the same or equivalent type. Danger of explosion may occur if battery is replaced incorrectly. Exposed battery should not be in contact with water.

ATTENTION!!

Ces instructions de service sont à l'usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l'entretien autre que celui contenu dans le Mode d'emploi à moins que vous soyez qualifié faire ainsi.

ALERTE!!

Afin d'eviter tout risque d'electrocution provenant d'un châssis sous tension, un transformateur d'isolement doit etre utilisé lors de tout dépannage.

⚠ ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

Les composants identifies par une trame et par une marque ⚠ sur les schemas de principe, les vues explosees et les listes de pieces sont d'une importance critique pour la securite du fonctionnement. Ne les remplacer que par des composants Sony dont le numero de piece est indique dans le present manuel ou dans des supplements publies par Sony. Les reglages de circuit dont l'importance est critique pour la securite du fonctionnement sont identifies dans le present manuel. Suivre ces procedures lors de chaque remplacement de composants critiques, ou lorsqu'un mauvais fonctionnement suspecte.

ATTENTION!!

Pour des raisons de sécurité, Interdire de réparer ou remplacer les composantes dans les blocs d'alimentation et/ou sur les modules d'inverseur.

AVERTISSEMENT AU SUJET DE LA PILE AU LITHIUM!!

Ne remplacez qu'avec une pile de type identique ou équivalent. Danger d'explosion si la pile est remplacée incorrectement. La pile exposée ne devrait pas être mise en contact avec de l'eau.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are “pinched” or touching high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the antenna terminals, metal trim, “metallized” knobs, screws and all other exposed metal parts for AC leakage. Check leakage as described in “Leakage Test”.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester.
   Follow the manufacturers’ instructions provided with the tester.
2. A battery-operated AC milliammeter.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low voltage scale. Nearly all battery-operated digital multimeters that have a 2 VAC range are suitable. (see Figure A)

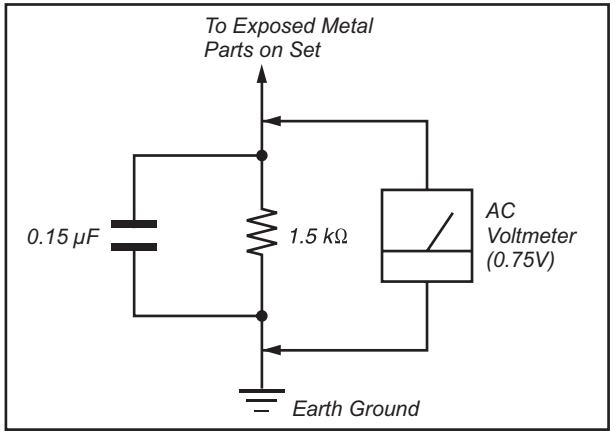


Figure A. Use an AC voltmeter to check AC leakage.

HOW TO FIND A GOOD EARTH GROUND

The cover-plate retaining screw on most AC outlet boxes is at earth ground. Verify the AC outlet box retaining screw ground by connecting a 60W to 100W incandescent (not a neon or fluorescent lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side on the line; the lamp should light at normal brilliance if the screw is at ground potential. (see Figure B)

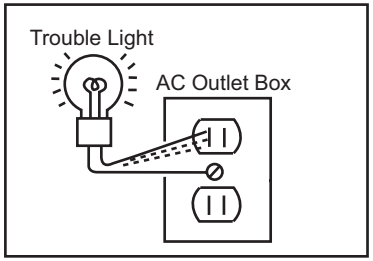


Figure B. Checking for earth ground.

SECTION 1 - SPECIFICATIONS AND LAYOUTS

SPECIFICATIONS

System	
Television system	NTSC: American TV standard ATSC (8VSB terrestrial): ATSC compliant 8VSB QAM on cable: ANSI/SCTE 07 2000 (Does not include CableCARD functionality)
Channel coverage	Analog terrestrial: 2 - 69 / Digital terrestrial: 2 - 69 Analog Cable: 1 - 135 / Digital Cable: 1 - 135
Panel system	LCD (Liquid Crystal Display) Panel, LED Backlight
Speaker output	8 W + 8 W
Wireless technology	Protocol IEEE802.11a/b/g/n
Input/Output jacks	
CABLE/ANTENNA	75-ohm external terminal for RF inputs
VIDEO IN 1	Video / Audio input (phono jacks)
COMPONENT IN VIDEO IN 2	$Y P_B P_R$: (Component Video): 1080p (60 Hz), 1080i (60 Hz), 720p (60 Hz), 480p, 480i Audio input (phono jacks) Video input (common phono pin with Y input)
HDMI IN 1/2/3/4	Video (2D): 1080p (30, 60 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p, 480p, 480i, PC Formats Video (3D): Frame Packing: 1080p (30 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p Side-by-Side: 1080p (60 Hz), 1080/24p, 1080i (60 Hz), 720p (60 Hz) Over-Under: 1080p (30, 60 Hz), 1080/24p, 1080i (60 Hz), 720p (60 Hz) Audio: 5.1 channel linear PCM: 32, 44.1 and 48 kHz, 16, 20 and 24 bits, Dolby Digital ARC (Audio Return Channel) (HDMI IN 2 only)
MHL (Common with HDMI IN 1)	Video (2D): 1080p (30 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p, 480p, 480i Video (3D): Side-by-Side: 1080/24p, 1080i (60 Hz), 720p (60 Hz) Over-Under: 1080p (30 Hz), 1080/24p, 1080i (60 Hz), 720p (60 Hz) Audio: 5.1 channel linear PCM: 32, 44.1 and 48 kHz, 16, 20 and 24 bits, Dolby Digital
AUDIO OUT/	Audio output (stereo mini jack) Headphone jack (supports Subwoofer out)
DIGITAL AUDIO OUT (OPTICAL)	Digital optical jack (Two channel linear PCM, Dolby Digital)
LAN	10BASE-T/100BASE-TX connector (Connection speed may differ depending on the network environment. 10BASE-T/100BASE-TX communication rate and communication quality are not guatanteed for this TV)
USB / DLNA	Refer to the i-Manual for supported formats
DC IN 19.5 V	AC adapter input (DC 19.5 V)

Model name		KDL-50W800B
Power and others		
Power requirement		19,5 V DC with AC adapter Rating: Input 110-240 V AC, 50/60 Hz (USA/Canada 120 V AC, 60 Hz)
Power consumption	in use	89 W
	in standby	Less than 0.4 W with 120 V AC and less than 0.5 W with 240 V AC
Screen size* (inches measured diagonally)		49.5 inches (50 class)
Display resolution		1,920 dots (horizontal) × 1,080 lines (vertical)
Dimensions*	with stand (mm)	1116 × 693 × 179
	with stand (inches)	44 × 27 3/8 × 7 1/8
	without stand (mm)	1116 × 656 × 64
	without stand (inches)	44 × 25 7/8 × 2 5/8
	wall-mount hole pattern (mm)	291
	wall-mount screw size (mm)	M6 (7 mm)
Mass*	with stand (kg)/(lb)	14,8 / 32,6
	without stand (kg)/(lb)	13,6 / 30,0
Others		
Optional accessories		Camera and Microphone Unit: CMU-BR200/CMU-BR100 One-touch Remote Control: RMF-YD001 Touchpad Remote Control: RMF-YD003 Wireless Subwoofer: SWF-BR100 MHL Cable: DLC-MB10/DLC-MB20/DLC-MC20 Active 3D Glasses: TDG-BT500A Active 3D -RF-
Operating temperature		32 ºF – 104 ºF (0 ºC – 40 ºC)

* Screen size, dimensions and mass are approximate values.

- Optional accessories availability depends on countries/region/TV model/stock.
- Design and specifications are subject to change without notice.
- This TV set incorporates MHL 2.

CHECKING THE ACCESSORIES

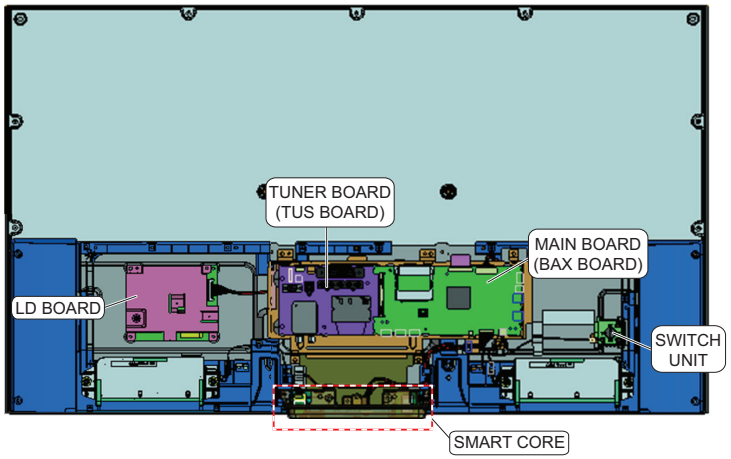
- **Remote Control (1) *1**
- **Size AAA Batteries (2)**
- **AC Power Cord (1)**
- **AC Adapter (1)**
- **Cable Holder (1)**
- **Table-Top Stand (1) *2**
- **Fixing screws for Table-Top Stand (M5 × 16) (2)**
- **Active 3D Glasses (battery included) (2)**
- **Assembling screws for Table-Top Stand (M5 × 16) (2)**
- **Operating Instructions, other documents and Wall-Mount Bracket accessories**

*1 Please refer to the model name printed on the remote control.

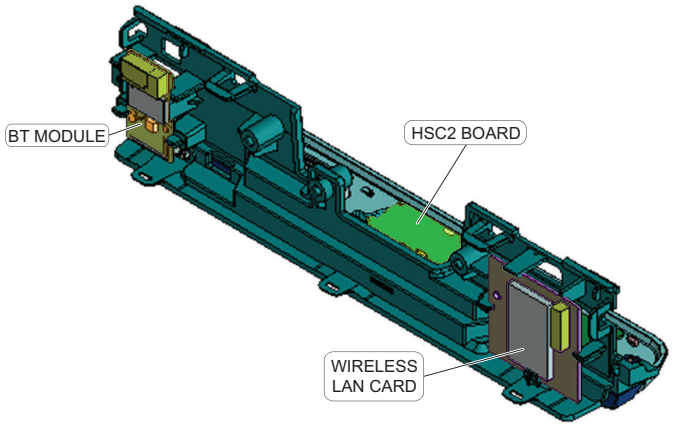
*2 Assembling the Table-Top Stand is required. Refer to the supplied Table-Top Stand leaflet to assemble the Table-Top Stand.

BOARD LAYOUT

KDL-50W800B

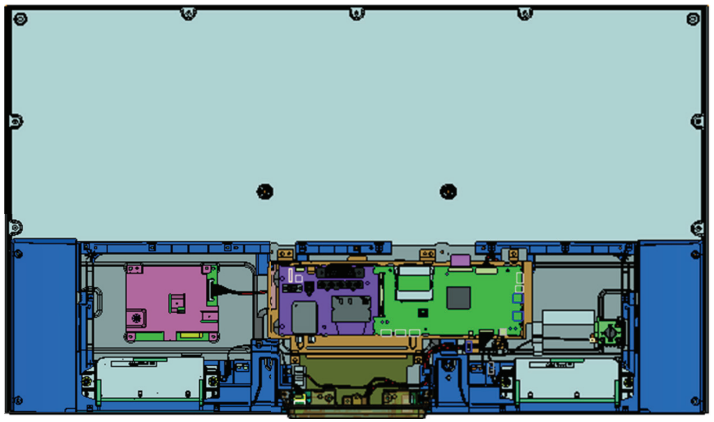


SMART CORE BLOCK

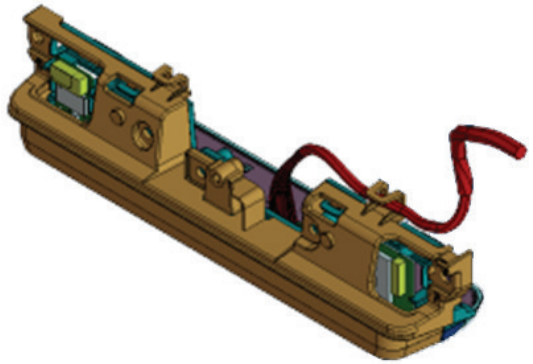


WIRE DRESSING

KDL-50W800B



SMART CORE BLOCK



SECTION 2 - TROUBLESHOOTING

DIAGNOSING THE ERROR

Before servicing the Television:

1. Verify the TV has the symptom the customer indicated.
2. Check to see if the latest Software is installed.
   a. If not, install the latest version.
3. Determine the replacement part required.

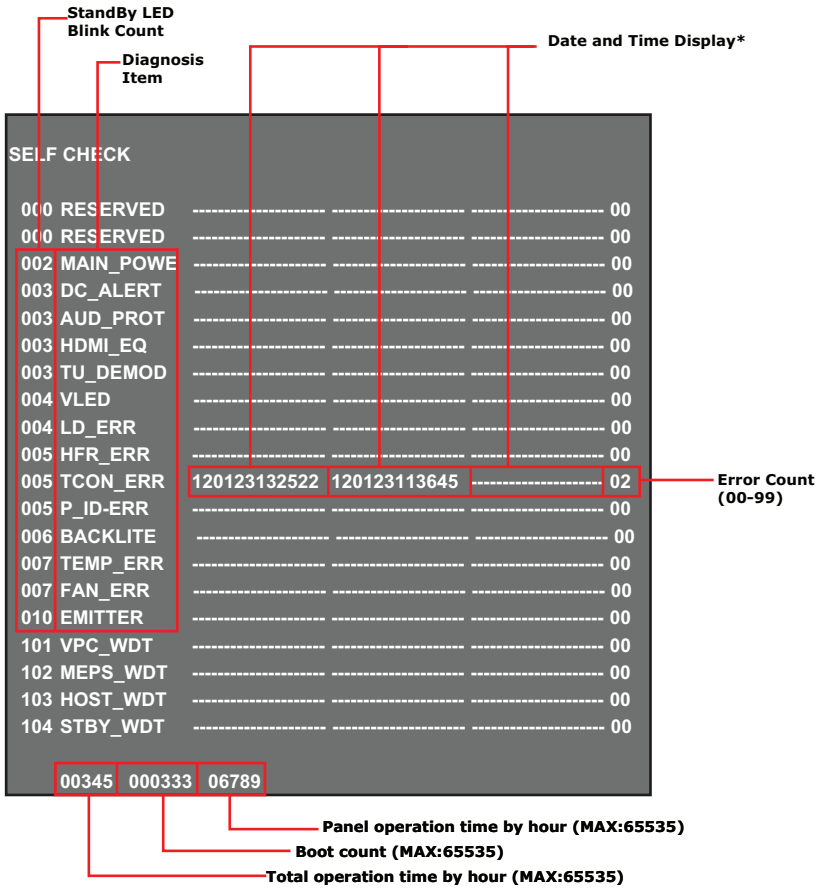
VIEWING THE SELF CHECK DIAGNOSIS HISTORY

When an error is detected, the Self Check screen records the number of times the error occurred. This is helpful in confirming past occurrences of an error and for determining if an error is intermittent when the customer is not sure what is causing the television to shut down. If the screen displays a “0”, no error has occurred.

1. Press POWER to turn on the TV and then turn it off again.
2. Press the following buttons on the ***Remote Commander*** within 1 second of each other:

   Info (i+) ➡ Channel (5) ➡ Volume (—) ➡ POWER

NOTE: This differs from accessing Service Adjustments Mode (Volume +).



*Format of Error History = YYMMDDhhmmss example 120123132522= Jan 23, 2012 13:25:22 (1:25:22PM)
NOTE: date and time must be set for this to work

SAMPLE SELF CHECK DIAGNOSIS PAGE

TRIAGE CHART

Use this general Triage Chart to determine what may possibly be causing the error before going out to the customers location.

1. **Confirm the symptom from the customer.**
2. **Select that symptom from the chart.**
3. **Bring the primary component listed for that symptom.**
4. **Follow the associated flowcharts in the Training Manual to isolate the board.**
5. **Chart Color Code.**

Red Dot: (Primary) Most likely defective part.
Blue Triangle: (Secondary) Possible defective part.

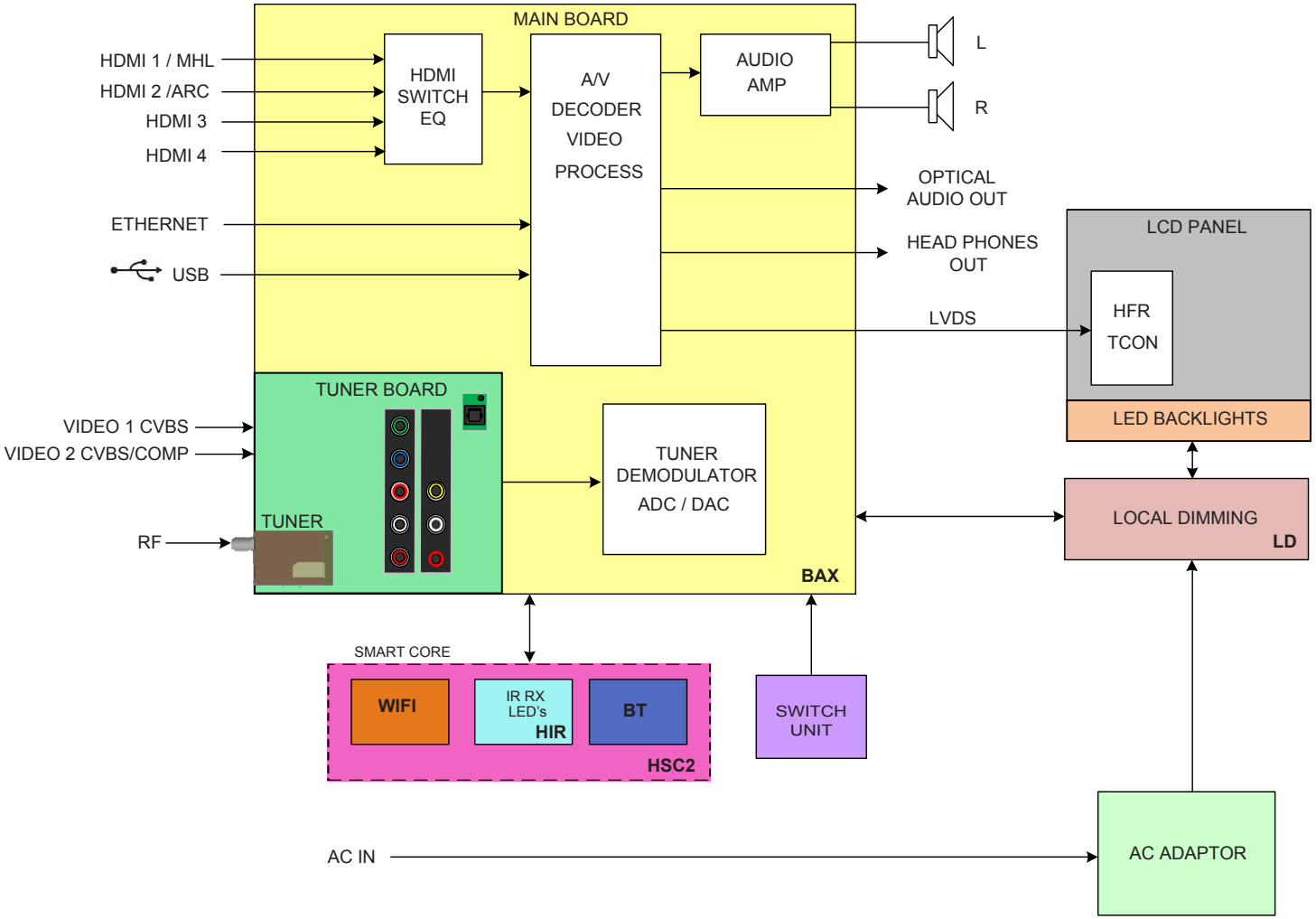
Board Reference	Symptoms - Shutdown. Power LED blinking red diagnostics sequences								No Power	Video			Remote	Network		Audio	Smart Core
	2X	3X	4X	5X	6X	7X	8X	9X	No White Power LED	Steady lines or dots	No Video One of Inputs	No Video All Inputs	No Remote	Wireless can't connect	Bluetooth can't connect	No Audio	No LED
MAIN BOARD	▲	●		▲	▲	●	●		▲	▲	●	●	▲	▲	▲	●	▲
TUNER BOARD		▲					▲	●		▲	●	●				▲	
LCD PANEL			●	●	●	▲				●		▲					
TCON			▲	●	▲					▲		▲					
HIR BOARD				▲									●				
HSC2 BOARD													▲				●
LD BOARD			●									▲					
BT BOARD															●		
WIFI							●							●			
Problem	POWER	AUDIO/ POWER	LD	TCON	BACK-LIGHT	TEMP	SOFT-WARE										

***NOTE:** REFER TO LCD PANELS SERVICE MANUAL IN REFERENCE LIBRARY DATABASE FOR CORRECT REPLACEMENT PARTS BASED ON SERIAL NUMBER.

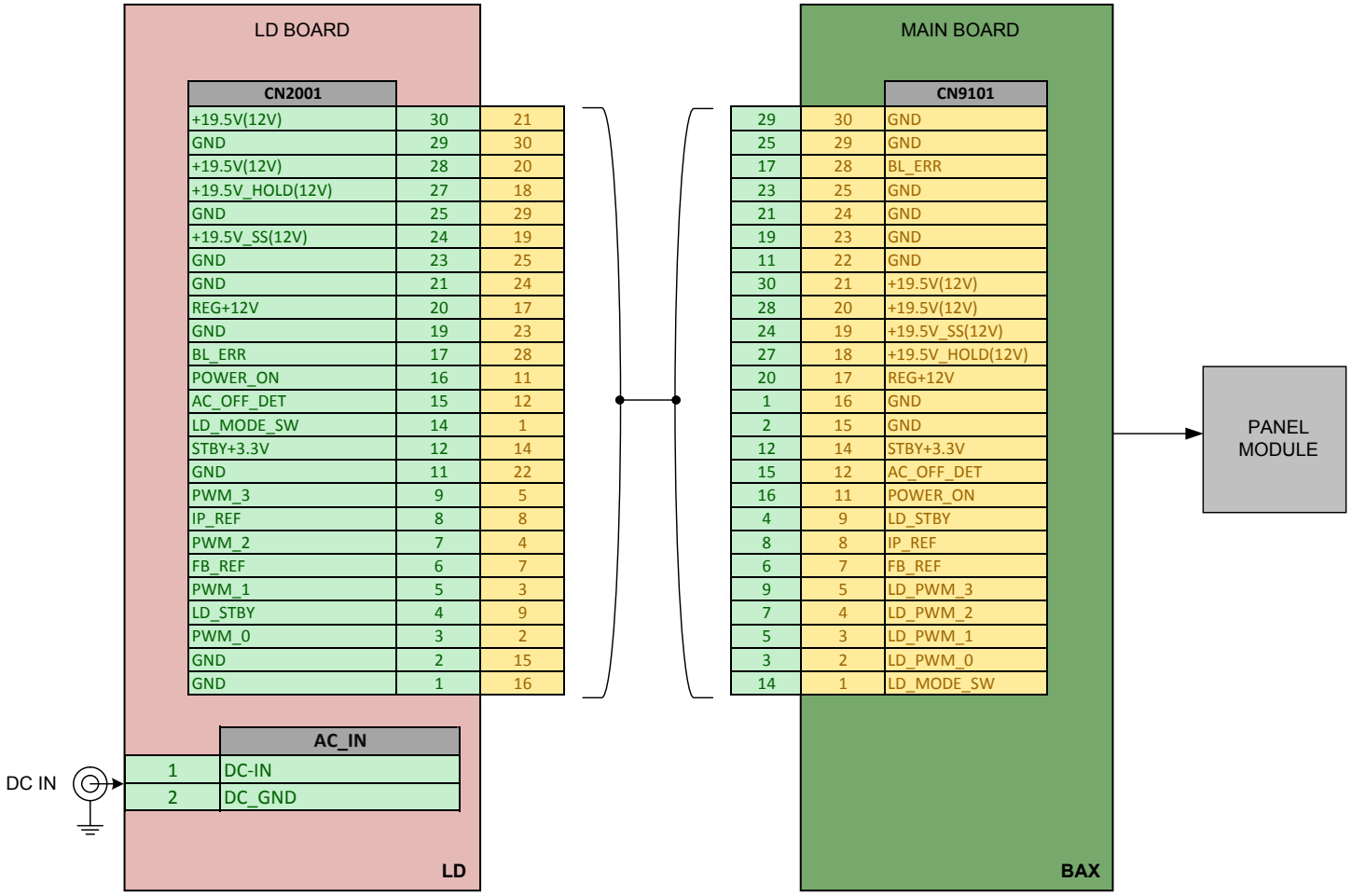
To access the most recent version of the Triage documents for the models listed in this manual, login into the Sony Authorized Service Portal at http://www.sony.com/asp.

FLOWCHARTS AND DIAGRAMS

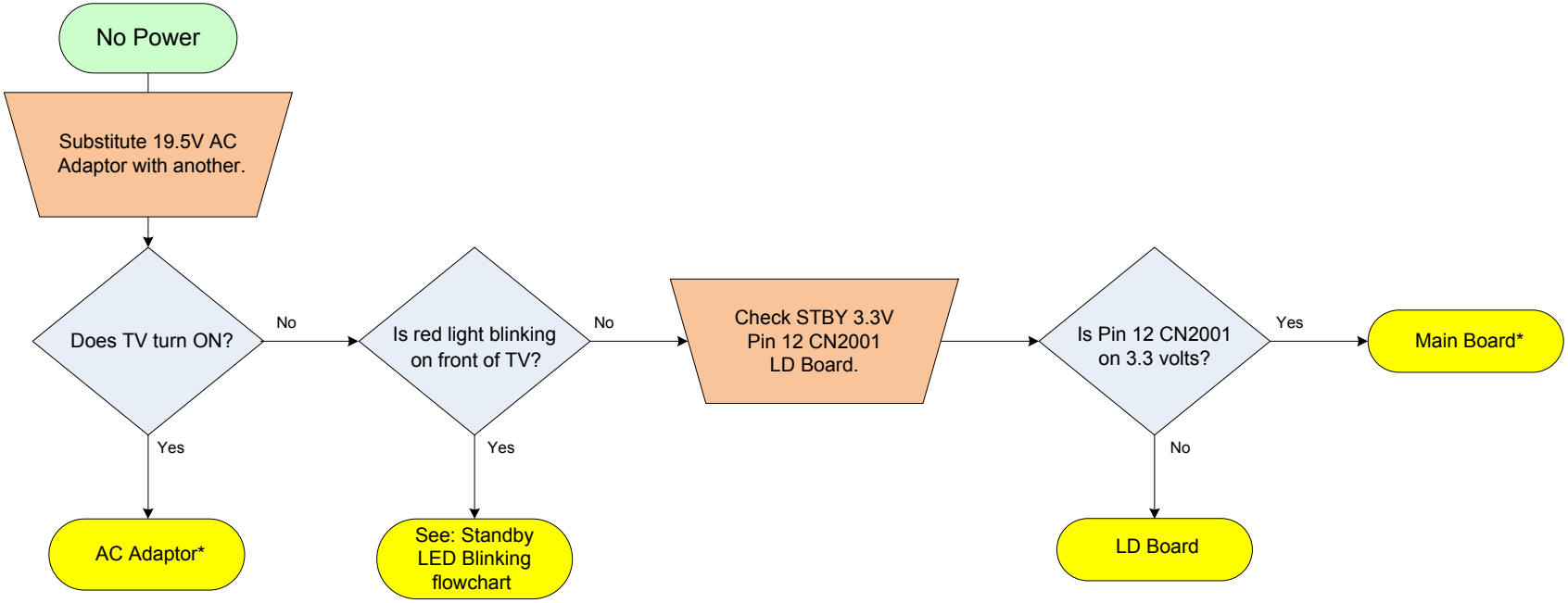
OVERALL BLOCK DIAGRAM



POWER AND CONTROL BLOCK DIAGRAM

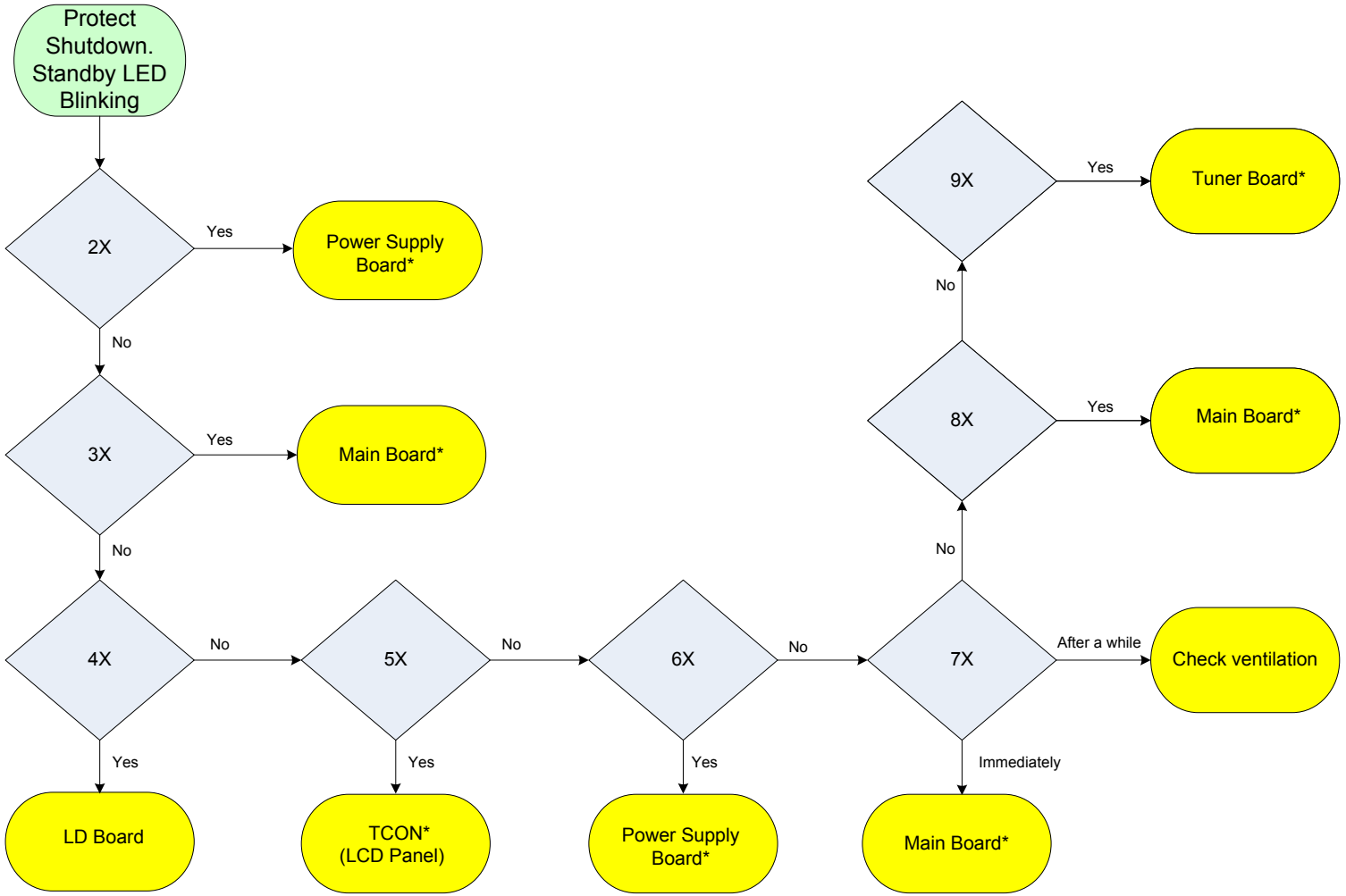


NO POWER FLOWCHART



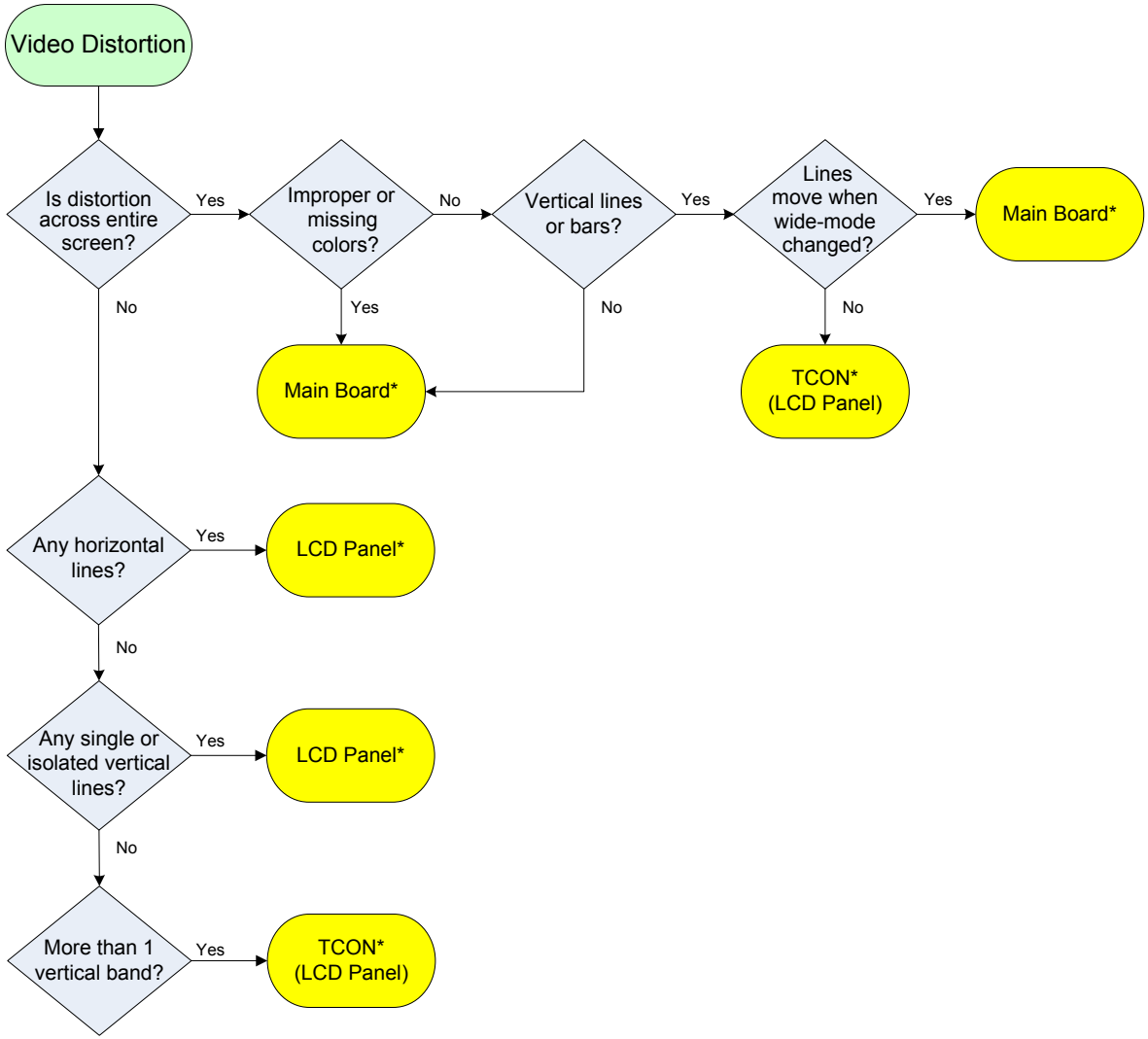
*For Part Number information, refer to "Section 4 - Exploded View/Part Number Information" on page 19.

STANDBY LED BLINKING FLOWCHART



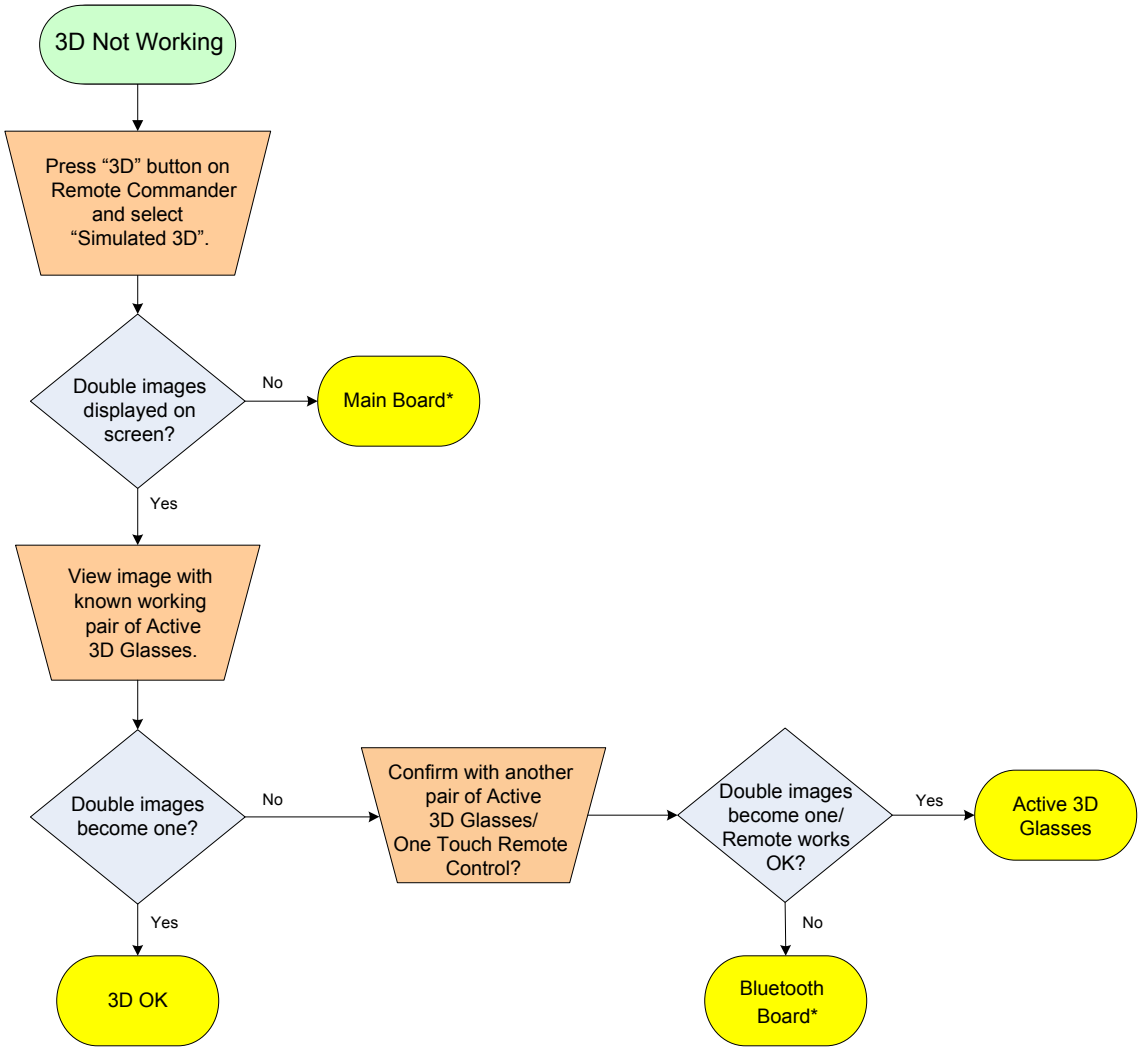
*For Part Number information, refer to "Section 4 - Exploded View/Part Number Information" on page 19.

VIDEO DISTORTION FLOWCHART



*For Part Number information, refer to "Section 4 - Exploded View/Part Number Information" on page 19.

NO 3D VIEWING



*For Part Number information, refer to “Section 4 - Exploded View/Part Number Information” on page 19.

SECTION 3 - REPAIR INFORMATION

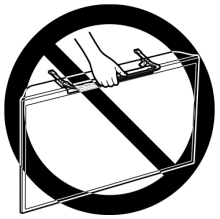
REPAIRING THE TV

If the latest Software does not correct the issue, complete the following:

1. Verify the television has the symptom the customer indicated.
2. Replace part causing the symptom.
3. Install the latest version of Software (Required for ALL repairs).
4. Perform the required service adjustments and checks.
5. Verify the repair resolved the issue.

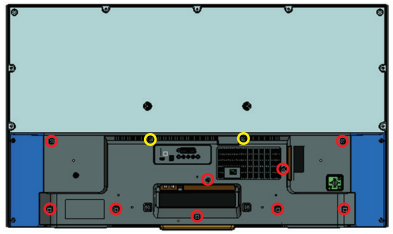
REMOVING THE REAR COVER

1. Place TV on a flat and steady surface in a standing position.



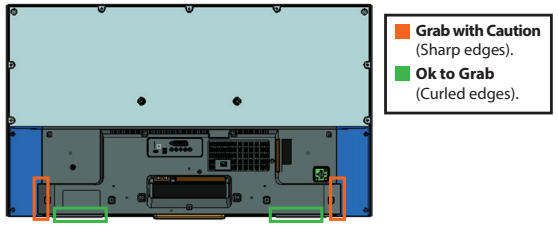
CAUTION: Do not use the Table-Top Stand to hold or carry the TV.

2. Locate and remove all screws from the Rear Cover.

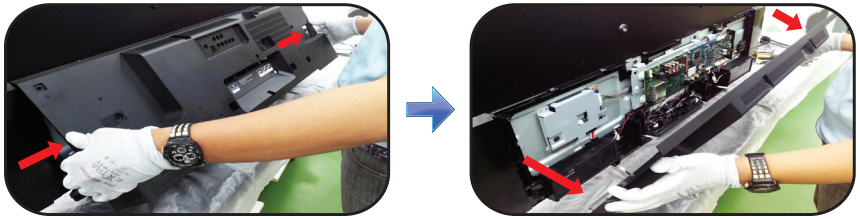


3. Grasp and pull upwards on left and right side of Rear Cover to release all hooks.

CAUTION: To avoid any damage and/or deformation to the Rear Cover, please refer to the following illustration.



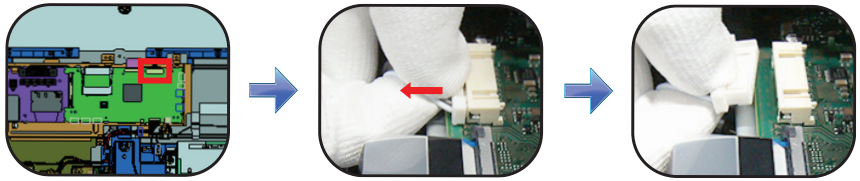
4. After releasing the hooks, firmly lift upwards as shown to detach Rear Cover from TV.



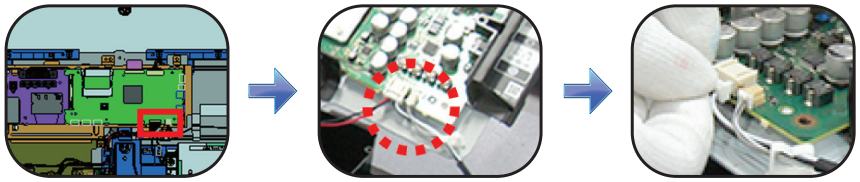
REPLACING THE MAIN BOARD / TUNER BOARD

The Main Board used in these models is available for repair. For Part Number information refer to Section 4 - Exploded View/Part Number Information on page 19.

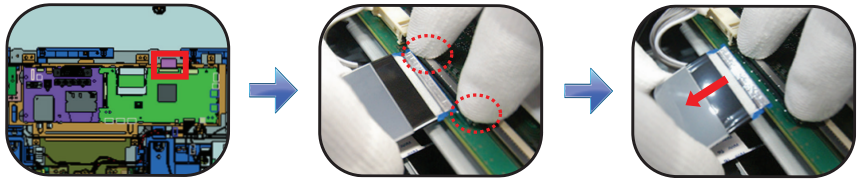
1. Disconnect Harness from the Main Board.



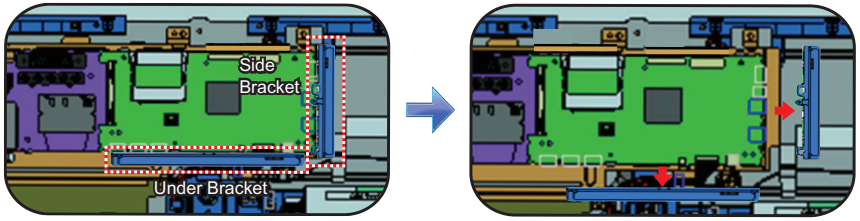
2. Locate and disconnect all remaining connectors.



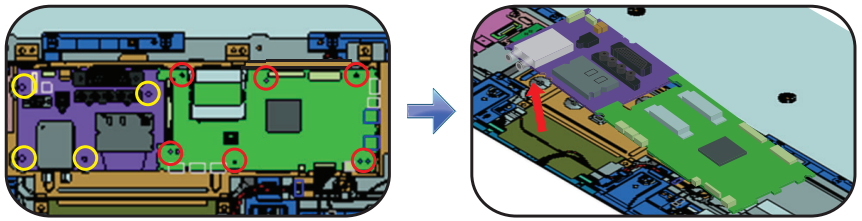
3. Press down the 2 locking clips and pull LVDS cable to release.



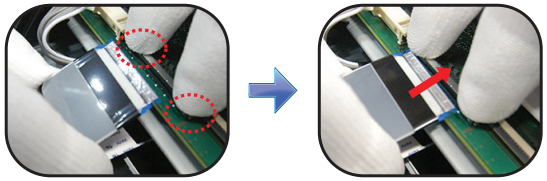
4. Slide brackets to detach from Main Board.



5. Locate and remove screws from the Tuner Board and Main Board, then lift to detach.



6. Install the new Main Board and/or Tuner Board and screws.
7. Reconnect the LVDS Cable and all other connectors.



8. Update the Software.

   After ALL repairs UPDATE the SOFTWARE to the latest version. Instructions are included with the Software package on the Sony Authorized Service Portal website.

   a. Insert the USB device with the latest Software into one of the TVs' USB ports.

   b. Connect TV to AC power.

   c. Wait at least 20 seconds.

   d. Press POWER on the remote to turn ON the TV.

   e. Wait until the Software update is completed.

9. To access **Service Mode,** turn TV ON and OFF again then press the following buttons within 1 second of each other:

   Info (i+) → Channel (5) → Volume (+) → (POWER)

10. When the **DIGITAL** Menu appears, press (2) until **002 MODEL** category displays.

11. Press (1) until **002 DEST** item displays.

CAUTION: If the incorrect Destination Data Value is selected, it may corrupt the Sofware requiring a Main Board replacement.

12. Press (3) until the correct destination of the TV displays. (Use the table below for reference).

Model Name	Destination	Data Value
KDL-50W800B	US/CND	ATSC_UC_BASE

13. Press (MUTE) then (0) to save the changes.

14. Press (1) until **003 MODELNAME** displays.

15. Press (3) until the model displayed matches the model of the TV.

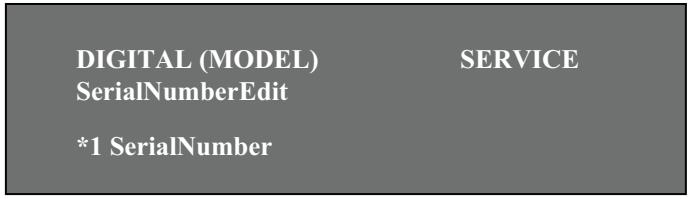
CAUTION: The Model Name can only be selected once. Be sure to verify the information is correct before saving the changes.

16. Press (MUTE) then (0) to save the changes.

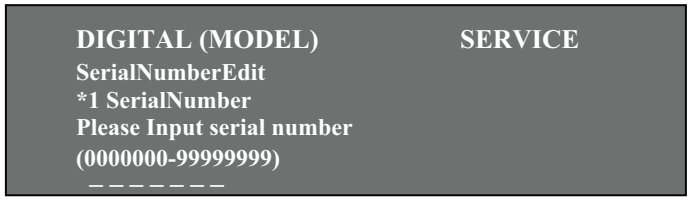
17. Locate the Serial Number for the TV on the side of the Rear Cover.

18. Press (1) until **004 SERIAL** item displays.

19. Press 0 to display the **Serial Number Edit** option.



20. Press ⊕ to display the **Serial Number** input screen.

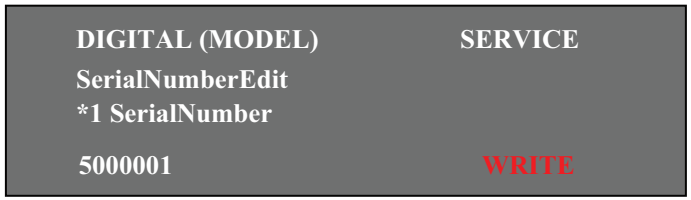


CAUTION: The Serial Number can only be selected once. Be sure to verify the information is correct before saving the changes.

21. Enter the Serial Number of the TV.

NOTE: If the incorrect Serial Number is entered, press RETURN to go back to the Serial Number input screen and re-enter the correct number.

22. Press ⊕ to save the Serial Number.



23. Press 1 until **006 VAR_TYPE** item displays.

24. Press 3 until **STD** option displays.

25. Press MUTE then 0 to save the changes.

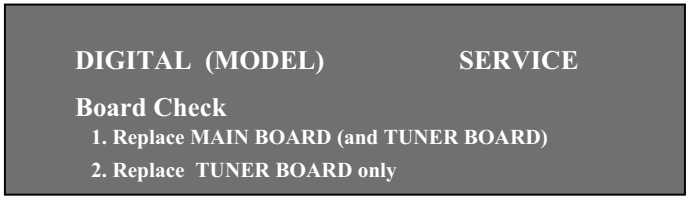
26. Cycle AC Power (Unplug and plug AC Cord from the outlet).

27. Access **Service Mode,** by pressing the following buttons within 1 second of each other:

Info i+ → Channel 5 → Volume + → POWER

28. When the **DIGITAL** Menu appears, press 2 until **002 MODEL** category displays.

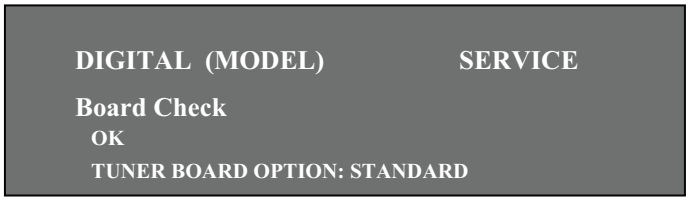
29. Press 0 to select the **000 BOARD CHECK** item.

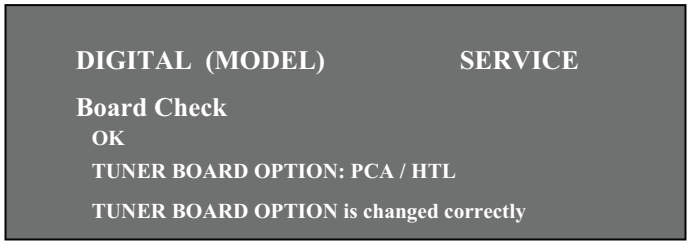


When replacing the Main Board and/or Tuner Board:

30. Press 1 to verify the Main Board replacement results.

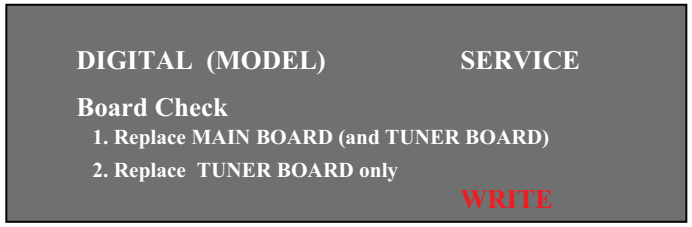
NOTE: Either one of the following messages indicates a correct process.





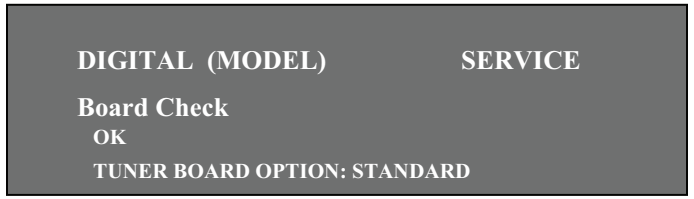
CAUTION: If the Main Board is a mismatch to the Tuner Board, a "NG: WRONG COMBINATION OF MAIN BOARD AND TUNER BOARD" will display.

31. Press RETURN then MUTE and 0 to save the changes.



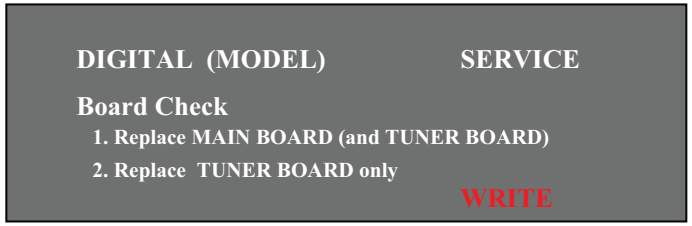
When replacing the Tuner Board only:

32. Press 2 to verify the Tuner Board replacement results.



CAUTION: If the Tuner Board is a mismatch to the Main Board, a "NG: DIFFERENT KIND OF TUNER BOARD HAS BEEN CONNECTED" will display.

33. Press RETURN then MUTE and 0 to save the changes.

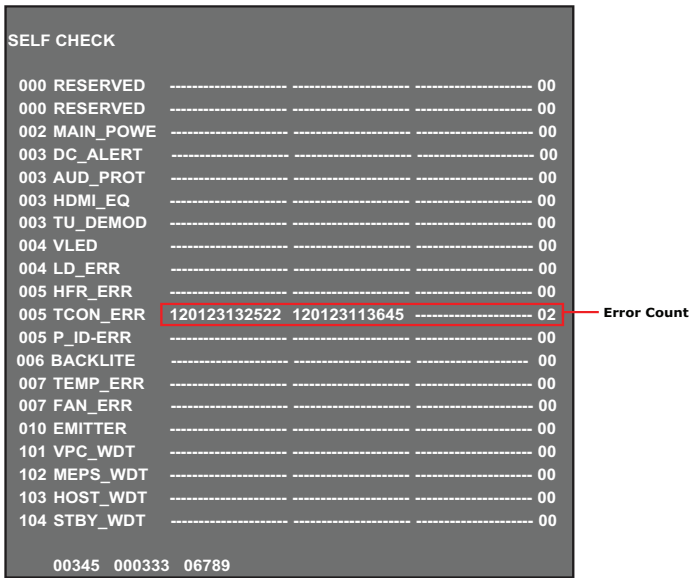


34. Clear the **Self Check** screen.

    a. Press POWER to exit **Service Mode.**

    b. Press the following buttons on the ***Remote Commander*** within 1 second of each other:

    Info (i+) ➡ Channel (5) ➡ Volume (—) ➡ POWER



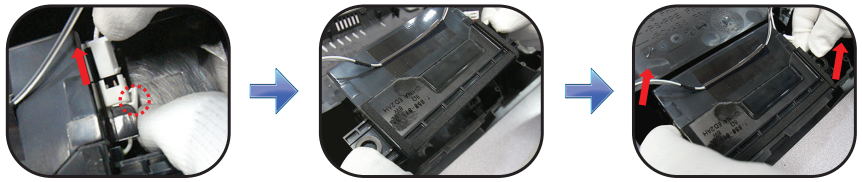
    c. To clear the error history and error count press (8) ➡ (0).

    d. Press POWER to exit **Self Check Mode.**

35. Cycle AC Power (Unplug and plug AC Cord from the outlet).

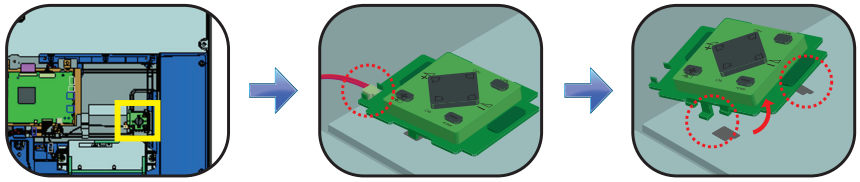
REMOVING THE SPEAKERS

1. Press down the connector clip to disconnect from each Speaker, then lift to detach.



REPLACING THE SWITCH UNIT

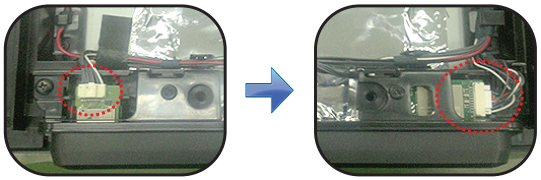
1. Disconnect connector from Switch Unit, then release clips to detach.



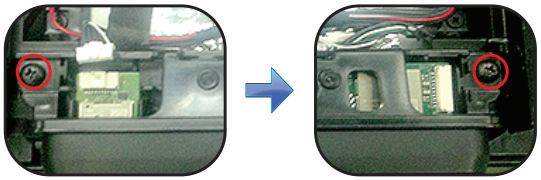
2. Install the new Switch Unit and connector.

REMOVING THE SMART CORE BLOCK

1. Disconnect 2 connectors from Smart Core Block.

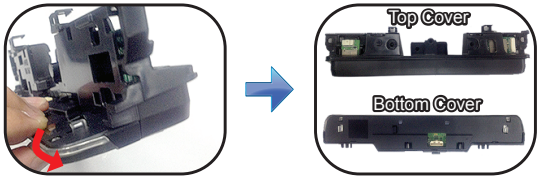


2. Locate and remove 2 screws.

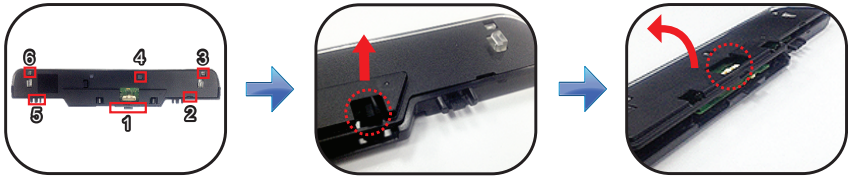


3. Grasp Smart Core Block and carefully pull upwards, then disconnect Harness to detach from Panel.

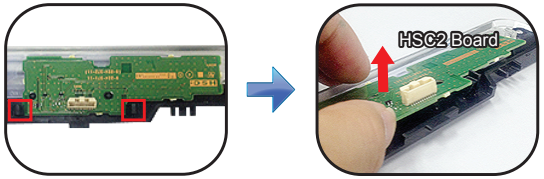
4. Pull Bottom Cover on the direction shown to detach from Top Cover.



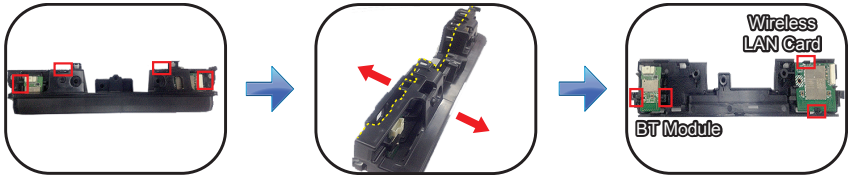
5. Release 6 hooks on the sequence shown by pulling apart the Bottom Cover to access the HSC2 Board.



6. Unclamp 2 side clips from the HSC2 Board and lift as shown to detach.



7. Release 4 hooks to remove the back cover from the front cover. Locate and unclamp the side clips to detach the BT Module and Wireless LAN Card.



SECTION 4 - EXPLODED VIEW/PART NUMBER INFORMATION

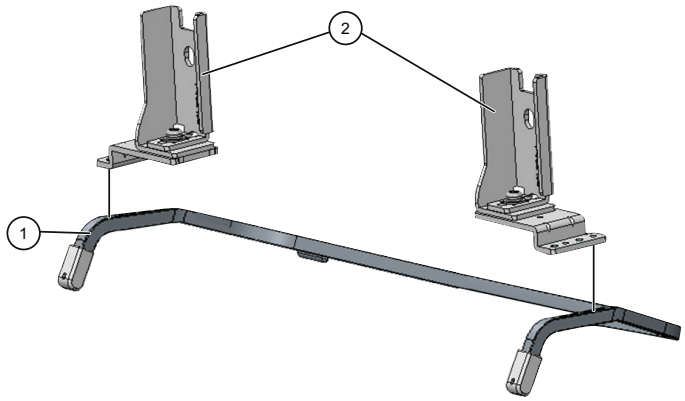
TABLE TOP STAND

Components not identified by a part number or description are not stocked because they are seldom required for routine service.

The component parts of an assembly are indicated by the reference numbers in the far right column of the parts list and within the dotted lines of the diagram.

NOTE: The components identified by shading and ⚠ mark are critical for safety.
Replace only with part number specified.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. (See Appendix A)



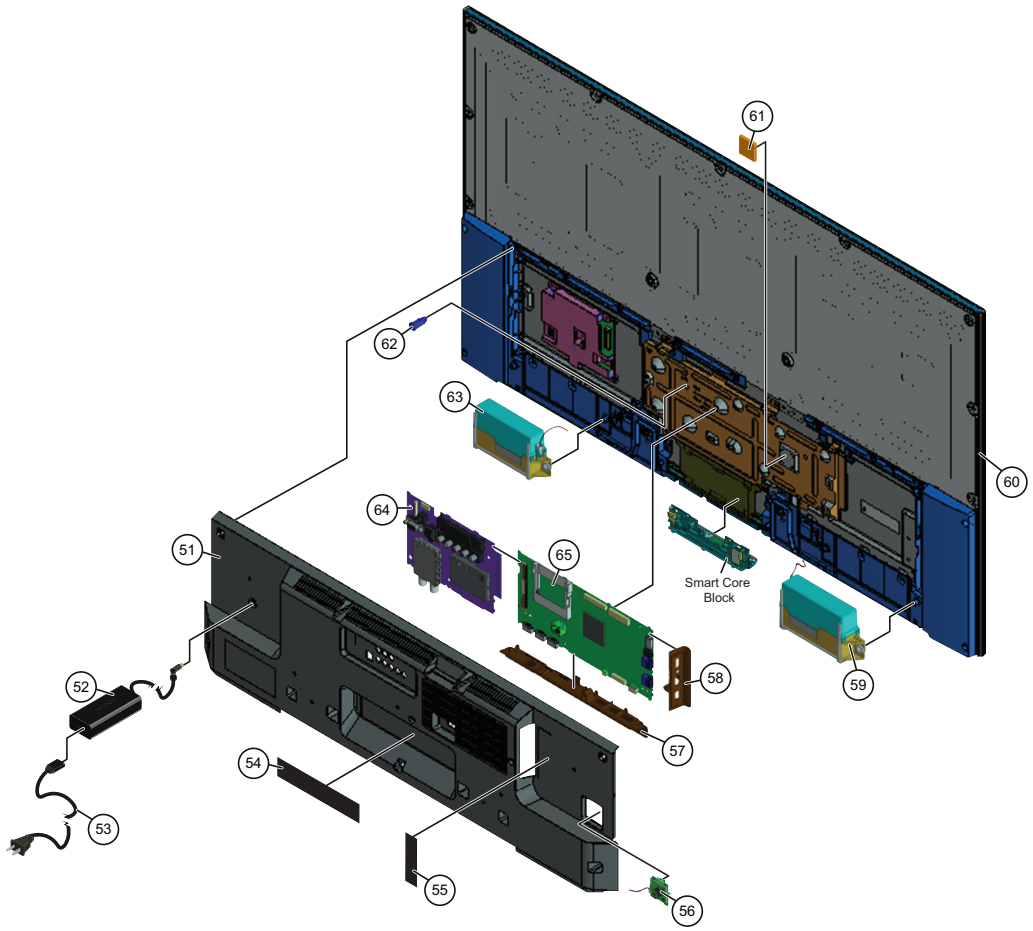
REF. NO.	PART NO.	DESCRIPTION
1	4-485-111-01	STAND, PIPE
2	4-462-165-02	STAND, NECK

SECTION 4 - EXPLODED VIEW/PART NUMBER INFORMATION

KDL-50W800B

NOTE: The components identified by shading and ⚠ mark are critical for safety.
Replace only with part number specified.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. (See Appendix A)

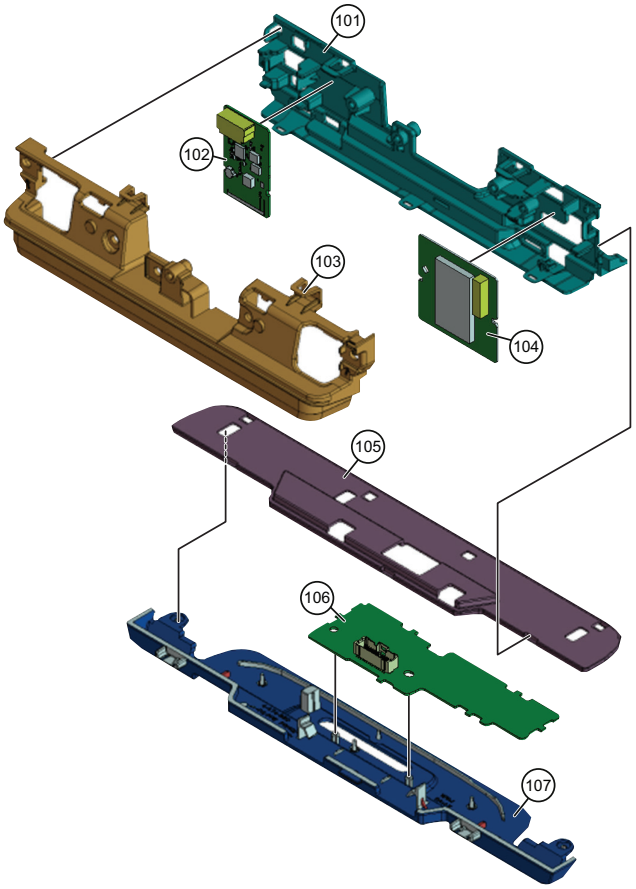


REF. NO.	PART NO.	DESCRIPTION
51	4-488-606-01	REAR COVER
52	1-492-733-31	AC ADAPTOR (120W)
⚠ 53	1-838-955-41	POWER SUPPLY CORD
54	4-484-999-51	LABEL, UNDER TERMINAL ORDER THIS PART WHEN REPLACING THE REAR COVER.
55	4-484-997-01	LABEL, SIDE TERMINAL ORDER THIS PART WHEN REPLACING THE REAR COVER.
56	1-798-510-11	SWITCH UNIT
57	4-528-973-01	BRACKET, UNDER
58	4-528-972-01	BRACKET, SIDE
59	1-858-963-11	SPEAKER BOX (LEFT)
60	NA	LCD PANEL FOR ALL LCD PANEL AND TCON BOARD PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL.
61	4-440-057-01	SHEET, THERMAL (AYU2) ORDER THIS PART WHEN REPLACING THE MAIN BOARD.
62	4-256-454-02	SPACER (G A)
63	1-858-963-21	SPEAKER BOX (RIGHT)
64	A-1989-741-A	TUS BOARD, COMPLETE AFTER REPLACING THE TUNER BOARD, YOU MUST UPDATE THE SOFTWARE TO THE LATEST VERSION.
🔒 65	A-1992-663-A	BAX BOARD, COMPLETE AFTER REPLACING THE MAIN BOARD, YOU MUST UPDATE THE SOFTWARE TO THE LATEST VERSION.

SMART CORE BLOCK

NOTE: The components identified by shading and ⚠ mark are critical for safety.
Replace only with part number specified.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. (See Appendix A)



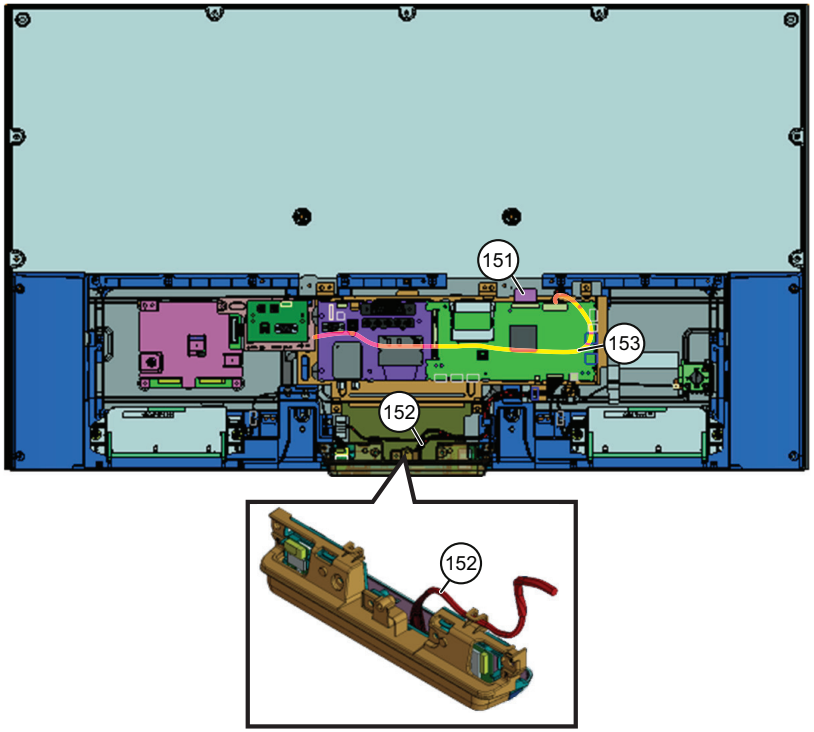
REF. NO.	PART NO.	DESCRIPTION
101	4-474-893-01	FRONT COVER
102	1-492-760-11	BT MODULE
103	4-474-894-01	BACK COVER
104	1-458-723-11	WIRELESS LAN CARD
105	4-474-892-01	TOP COVER
106	A-1969-162-A	HSC2 BOARD, MOUNTED
107	4-474-888-01	BOTTOM CASE

CONNECTORS

NOTE: The components identified by shading and ⚠ mark are critical for safety.
Replace only with part number specified.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. (See Appendix A)

REF. NO.	PART NO.	DESCRIPTION
151	1-848-111-11	(LVDS) FFC WITH CONNECTOR 51P
152	1-910-804-06	HARNESS ASSEMBLY
153	1-910-804-02	CONNECTOR ASSEMBLY 30P



SECTION 4 - EXPLODED VIEW/PART NUMBER INFORMATION

SCREWS

NOTE: The components identified by shading and ⚠ mark are critical for safety.
Replace only with part number specified.

NOTE: The components identified by a red outline and a 🔒 mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. (See Appendix A)

P/N		DESCRIPTION	KDL-50W800B
	2-580-639-01	SCREW, +BVTP 4X12 TYPE2 IT-3	Rear Cover to Panel Bracket (6), Rear Cover to Smart Core (1), Rear Cover to Bracket Side (1), Rear Cover to Bracket Under (1), Smart Core to Panel Bracket (2)
	2-990-421-41	SCREW (+PSW) (M3X6)	Main Board (6)
	4-256-393-01	SCREW, +PSW M3X6 W12	Tuner Board (4), Main Bracket to Back Chassis (6)
NA	4-479-543-01	SCREW, M4X11 LOCK	Stand Neck to Stand Pipe (4)
	2-580-608-01	SCREW, +PSW M5X16	Table Top Stand to TV (4)
	4-159-298-01	SCREW, +PSW M4X10	Rear Cover to Panel (2)
	4-159-298-21	SCREW, +PSW M4X10	Wall Mount (2)
NA	4-457-126-01	SCREW,+PSW M6X12	Wall Mount (2)

SECTION 5 - ACCESSORIES/PART NUMBER INFORMATION

ACCESSORIES AND PACKAGING

PART NO.	DESCRIPTION
4-449-743-01	SCREW, +PSW M5X16 LOCK (SCREWS TO ATTACH TABLE TOP STAND TO LCD TV) For product protection and safety reasons, Sony strongly recommends that you use the screws provided with the TV. CAUTION: These screws cannot be used to secure the TV to the Wall Mount Brackets.
4-159-298-21	SCREW, +PSW M4X10 (ATTACHMENT PARTS FOR WALL MOUNT BRACKETS)
4-457-126-01	SCREW,+PSW M6X12 (ATTACHMENT PARTS FOR WALL MOUNT BRACKETS)
NA	3D GLASSES (4 PACK) (NOT AVAILABLE FOR SERVICE)
1-458-628-21	3D GLASSES (SINGLE KIT) (AVAILABLE FOR SERVICE)
4-488-200-11	MANUAL, INSTRUCTION
4-448-554-13	MANUAL, INSTRUCTION (3D GLASSES)
4-485-844-01	W/M VESA ADAPTER ASSEMBLY
4-487-766-01	WALL MOUNT BKT ASSEMBLY
4-262-708-04	CLAMPER, CABLE

MISCELLANEOUS

PART NO.	DESCRIPTION
3-299-071-08	FLYER, SAFETY
4-262-708-04	CLAMPER, CABLE
7-600-031-97	TAPE (3M 1350FB-1) 15MMX66M BLK
7-600-031-96	TAPE (3M 1350FW-1) 15MMX66M WHT
4-460-761-01	PAD, NOSE (3D GLASSES)
3-876-036-71	UNI-LABEL, BLANK
4-460-760-01	CASE, BATTERY (SERVICE)

OPTIONAL ACCESSORIES

PART NO.	DESCRIPTION
4-414-470-01	SUPPORT BELT KIT
1-492-077-14	ONE TOUCH REMOTE CONTROL (RMF-YD001)
1-492-758-11	TOUCHPAD REMOTE CONTROL (RMF-YD003)

REMOTE COMMANDER

PART NO.	DESCRIPTION
1-492-766-11	REMOTE COMMANDER (RM-YD102)

APPENDIX A: ENCRYPTION KEY COMPONENTS

Encryption key components developed by Sony Corporation contain confidential information and shall be handled under the non-disclosure obligations provided in the applicable agreement with Sony Corporation (and/or its subsidiary).

As part of this agreement specific instructions must be adhered to whenever a Circuit Board containing encryption key components is repaired and/or replaced pursuant to the following:

1. In the service manual the Circuit Board(s) containing encryption key components shall be identified with a red outline and a .
2. Only repair boards or components listed in the service manual shall be utilized for replacement and/or repair.
3. Disassembly, decryption or reverse-engineering component(s) is strictly prohibited.
4. Any board in which the Servicer replaces an encryption key component must be placed back into the set it orignally came from and the replaced defective component MUST BE DESTROYED. Boards cannot be swapped.
5. If a Circuit Board identified with a red outline and a in the service manual is deemed to be defective:
   a. and if a core charge is imposed and is covered under the product warranty, the defective un-repaired or modified board MUST BE RETURNED to Sony.
   b. and if the core charge is NOT covered under the product warranty, the defective un-repaired or modified board MUST BE DESTROYED.
6. If a unit is destroyed (such as field scrap), the Circuit Board identified with a red outline and a in the service manual MUST BE DESTROYED.

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